DAFTAR PUSTAKA

Abed, S., Davoudi, A. H. M. D., & Hoseinzadeh, D. (2015). The effect of synectics pattern on increasing the level of problem solving and critical thinking skills in students of Alborz province. *WALIA Journal*, *31*(1), 110–118.

Adams, K. (2005). *The Sources of Innovation and Creativity*. Washington, DC.

Aiamy, M., & Haghani, F. (2012). The Effect of Synectics & Brainstorming on 3 rd Grade Students'development of Creative Thinking on Science. *Procedia - Social and Behavioral Sciences*, *47*, 610–613.

Anderson, L. W. (2001). *A Taxonomy for Learning, Teaching, and Assessing: A Revisions of Bloom's Taxonomy of Educational Objectives*. (L. W. Anderson & D. R. Krathwohl, Eds.). New York: Addison Wesley Longman, Inc.

Anwar, M. N., Aness, M., Khizar, A., Naseer, M., & Muhammad, G. (2012). Relationship of Creative Thinking with the Academic Achievements of Secondary School Students. *International Interdisciplinary Journal of Education*, *1*(3), 1–4.

Arikunto, S. (2015). *Dasar-dasar Evaluasi Pendidikan*. Jakarta: PT. Bumi Aksara.

Bao, L. (2007). Dynamic Models of Learning and Education Measurement, 1–38.

Bloom, B. S. (Ed.). (1956). *Taxonomy of Educational Objectives: The Classification of Educational Goals (Handbook I: Cognitive Domain)*. Ann Arbor: David McKay Company, Inc.

Brown, D. E., & Clement, J. (1989). Overcoming misconceptions via analogical reasoning: abstrat transfer versus explanatory model construction. *Instructional Science*, *18*(4), 237–261.

Candrasekaran, S., Sc, M., Ed, M., & Phil, M. (2014). Developing Scientific Attitude , Critical Thinking and Creative Intelligence of Higher Secondary School Biology Students by Applying Synectics Techniques. *International Journal of Humanities and Social Science Invention*, *3*(6), 1–8.

Coletta, V. P., & Phillips, J. a. (2005). Interpreting FCI scores: Normalized gain, preinstruction scores, and scientific reasoning ability. *American Journal of Physics*, *73*(12), 1172–1182.

Diakidoy, I. N., & Constantinou, C. P. (2001). Creativity in Physics: Response Fluency and Task Specificity. *Creativity Research Journal*, *13*(3–4), 401–410.

Filsaime, D. K. (2008). *Menguak Rahasia Berpikir Kritis dan Kreatif*. Jakarta:

Penerbit Buku Berkualitas Prima.

Florida, R., Mellander, C., & King, K. (2015). *The Global Creativity Index 2015*.

Gregory, E., Hardiman, M., Yarmolinskaya, J., Rinne, L., & Limb, C. (2013). Building creative thinking in the classroom: From research to practice. *International Journal of Educational Research*, *62*, 43–50.

Hake, R. R. (1998). Interactive-engagement versus traditional methods: A six-thousand-student survey of mechanics test data for introductory physics courses. *American Journal of Physics*, *66*(1), 64–74.

Hake, R. R. (1999). *Analyzing Change/Gain Scores*. *Unpublished.[online] URL: http://www. physics. indiana. edu/\~ sdi/AnalyzingChange-Gain. pdf* (Vol. 16).

Jonāne, L. (2015). Using Analogies in Teaching Physics: A Study on Latvian Teachers' Views and Experience. *Journal of Teacher Education for Sustainability*, *17*(2), 53–73.

Joyce, B., & Weil, M. (1996). *Models of Teaching* (5th ed.). Boston: Allyn and Bacon.

Keller, M. M., Neumann, K., & Fischer, H. E. (2017). The impact of physics teachers' pedagogical content knowledge and motivation on students' achievement and interest. *Journal of Research in Science Teaching*, *54*(5), 586–614.

Kementerian Pendidikan dan Kebudayaan. (2012). Bahan Uji Publik Kurikulum 2013. Jakarta, Indonesia: Kementerian Pendidikan dan Kebudayaan.

Kementerian Pendidikan dan Kebudayaan. (2016). Peraturan Menteri Pendidikan dan Kebudayaan Republik Indonesia Nomor 24 Tahun 2016 tentang Kompetensi Inti dan Kompetensi Dasar Pelajaran pada Kurikulum 2013 pada Pendidikan Dasar dan Pendidikan Menengah. Jakarta, Indonesia: Kementerian Pendidikan dan Kebudayaan.

Khairani, R., Yurnetti, & Hamdi. (2013). Pengaruh Penerapan Synectics Lesson dalam Pembelajaran IPA Fisika untuk Meningkatkan Kompetensi Siswa Kelas VIII di SMPN 1 Solok. *Pillar of Physics Education*, *2*, 121–128.

Khan, A. A., & Mahmood, N. (2017). The Role of the Synectics Model in Enhancing Students ' Understanding of Geometrical Concepts. *Journal of Research and Reflections in Education*, *2*(2), 253–264.

Kim, K. H. (2006). Can We Trust Creativity Tests? A Review of the Torrance Tests

of Creative Thinking (TTCT). *Creativity Research Journal*, *18*(1), 3–14.

Lawrenz, F., Wood, N. B., Kirchhoff, A., Kim, N. K., & Eisenkraft, A. (2009). Variables affecting physics achievement. *Journal of Research in Science Teaching*, *46*(9), 961–976.

Lawson, A. E. (1993). The importance of analogy: A prelude to the special issue. *Journal of Research in Science Teaching*, *30*(10), 1213–1214.

Manurung, I. F. U. (2014). *Pengaruh Penerapan Model Pembelajaran Sinektik dengan Penugasan Mind Mapping Terhadap Kualitas Miskonsepsi dan Peningkatan Kemampuan Kognitif Siswa SMP*. Universitas Pendidikan Indonesia.

Marzano, R. J. (1988). *Dimension of Thinking: A Framwork for Curriculum and Instruction*. Alexandria: The Association of Collaborative for Teaching Thinking.

McMillan, J. H., & Schumacher, S. (2001). *Research in Education: A Conceptual Introduction* (5th ed.). New York: Addison Wesley Longman, Inc.

Mustofa, M. H. (2016). *Penerapan Pendidikan Enterpreneur Science Thinking (ESciT) Melalui Model Pembelajaran Problem Based Learning untuk Meningkatkan Kemampuan Memahami dan Keterampilan Berpikir Kreatif Siswa SMA pada Materi Listrik Dinamis*. Universitas Pendidikan Indonesia.

OECD. (2016). *PISA 2015 Results (Volume I): Excellence and Equity in Education*. Paris: OECD Publishing.

Paltasingh, S. (2008). Impact of Synectics Model of Teaching in Life Science to Develop Creativity Among Pupils. *E-Journal of All India Association for Educational Research*, *20*(3 & 4).

Partnership for 21st Century Learning. (2008). *21st Century Skills, Education & Competitiveness*.

Rahman, F., Khalil, J. k., Jumani, N. B., Ajmal, M., Malik, S., & Sharif, M. (2011). Impact of Discussion Method on Students Performance. *International Journal of Business and Social Science*, *2*(7), 84–94.

Sudjana, N. (2005). *Penilaian Hasil Proses Belajar Mengajar*. Bandung: PT. Remaja Rosdakarya.

Sugiyono. (2011). *Metode Penelitian Kuantitatif, Kualitatif dan R&D*. Bandung: Penerbit Alfabeta.

Sukmadinata, N. S. (2011). *Metode Penelitian Pendidikan*. Bandung: Remaja Rosdakarya.

Sumamol, N. S., & Dhanya, A. (2013). Effectiveness of Synectic Model of Teaching on Creativity and Achivement in Physics At Secondary School Level . *Conflux Journal of Education*, *1*(4).

Suparno, P. (2013). *Miskonsepsi dan Perubahan Konsep dalam Pendidikan Fisika*. Jakarta: PT. Grasindo.

Treffinger, D. J., Young, G. C., Selby, E. C., & Shepardson, C. (2002). *Assessing Creativity: A Guide for Educators*. Sarasota: The National Research Center on The Gifted and Talented.

Weisberg, R. W. (2017). Expertise and Reason in Creative Thinking: Evidence from Case Studies and the Laboratory. In J. C. Kaufman & J. Baer (Eds.), *Creativity and Reason in Cognitive Development* (pp. 7–42). Cambridge: Cambridge University Press.

Wong, E. D. (1993). Self- generated analogies as a tool for constructing and evaluating explanations of scientific phenomena. *Journal of Research in Science Teaching*, *30*(4), 367–380.

Yousefi, A. (2014). The Effects of Synectics Teaching Model in Fostering Creativity. *Management and Administrative Sciences Review*, *3*(7), 1225–1231.